CLAIMS

What is claimed is:

1.   A resource registration method comprising the steps of:

a) physically approaching an entity that has an associated tag;

b) reading the tag to obtain an identifier for the resource;

c) using the identifier to obtain an address for the resource; and

d) binding the address of the resource in a registry.

2.   The resource registration method of claim 1 wherein the step of using the identifier to obtain an address for the resource includes the step of:

providing a resolver service;

providing the resource identifier to the resolver service;

the resolver service for receiving the resource identifier and responsive thereto for providing an address for the resource; wherein the resolver service includes a table of resource identifiers and the corresponding resource addresses.

3.   The resource registration method of claim 1 wherein the registry is a computational abstraction that can be

browsed by users in the form of web pages; and wherein the registry can be queried automatically by other programs.

5   4.   The resource registration method of claim 1 wherein the registry stores the address for each resource.

5.   The resource registration method of claim 4 wherein the registry stores at least one attribute for each

10   resource.

6.   The resource registration method of claim 1 wherein the address for the resource is a URL.

15   7.   The resource registration method of claim 1 wherein the registry describes entities and their associated resources available for use in one of a physical area, a location, and a place.

20   8.   The resource registration method of claim 1 wherein the tag is one of a barcode tag and an RFID tag.

9.   The resource registration method of claim 1 further

25   comprising the steps of:

        generating a web page for the registry.

10. A resource registration method comprising the steps of:

a) physically approaching a resource that is connected to a network;

5   b) sending an address of a registry to a target device;

c) the target device having an address for receiving the address of the registry and responsive thereto for accessing the registry through the network by employing

10   the address of the registry, and for binding the address of the target device to a web page of a physical location in the registry.

11. The resource registration method of claim 10 wherein

15   the registry is a computational abstraction that can be browsed by users in the form of web pages; and wherein the registry can be queried automatically by other programs.

20   12. The resource registration method of claim 10 wherein the registry stores the address for each resource.

13. The resource registration method of claim 12 wherein the registry stores at least one attribute for each

25   resource.

14. The resource registration method of claim 10 wherein the address for the resource is a URL.

15. The resource registration method of claim 10 wherein the registry describes entities and their associated resources available for use in one of a

5 physical area, a location, and a place.

16. A resource registration method comprising the steps of:

a) physically approaching an entity that has an

10 associated beacon;

b) reading the beacon to obtain an address for the resource; and

c) binding the address of the resource in a registry.

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17. The resource registration method of claim 16 wherein the registry is a computational abstraction that can be browsed by users in the form of web pages; and wherein the registry can be queried automatically by other

20 programs.

18. The resource registration method of claim 16 wherein the registry stores the address for each resource, and wherein the address for the resource is a URL.

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19. The resource registration method of claim 18 wherein the registry stores at least one attribute for each resource.

20. A registration system comprising:

a) a resource that needs to be registered;

b) a portable computing device for executing a physical registration program that performs the resource registration; wherein the portable computing device can be used to physically approach the resource in order to register the resource; and

c) a registry for associating the addresses of the resources to at least one web page of physical locations.